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Mauna Loa Solar Observatory Observer's Log  
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Sat Feb 2 17:26:42 GMT 2013

Year: 13 Doy: 033

Observer: waters

WEATHER COMMENT: Sat Feb 2 17:27:05 GMT 2013

clear skies, 46 degrees, windspeed southeast 5-10mph

\_\_\_\_end\_\_\_\_

Sat Feb 2 17:51:38 GMT 2013 CHIP Start Patrol  
Sat Feb 2 18:00:47 GMT 2013 CHIP LSD  
Sat Feb 2 18:02:43 GMT 2013 CHIP End LSD  
Sat Feb 2 18:02:50 GMT 2013 CHIP BiasLSD  
Sat Feb 2 18:03:46 GMT 2013 CHIP End BiasLSD  
Sat Feb 2 18:03:53 GMT 2013 CHIP Bias  
Sat Feb 2 18:02:34 GMT 2013: PSPT Start Patrol  
Sat Feb 2 18:04:44 GMT 2013 CHIP End Bias  
Sat Feb 2 18:04:49 GMT 2013 CHIP ReStart Patrol  
Sat Feb 2 18:04:28 GMT 2013 MKIV Start Patrol  
Sat Feb 02 18:05:50 GMT 2013 COMP Start Patrol  
Sat Feb 2 19:00:11 GMT 2013 MKIV End Patrol  
Sat Feb 2 19:00:17 GMT 2013 MKIV Start Cal  
Sat Feb 2 19:18:58 GMT 2013 MKIV End Cal  
Sat Feb 2 19:19:03 GMT 2013 MKIV Start Patrol  
Sat Feb 02 21:02:26 GMT 2013 COMP End Patrol  
Sat Feb 02 21:02:28 GMT 2013 COMP Start Patrol  
Sat Feb 2 23:01:46 GMT 2013 CHIP LSD  
Sat Feb 2 23:03:44 GMT 2013 CHIP End LSD  
Sat Feb 2 23:04:00 GMT 2013 CHIP BiasLSD  
Sat Feb 2 23:04:59 GMT 2013 CHIP End BiasLSD  
Sat Feb 2 23:05:08 GMT 2013 CHIP Bias  
Sat Feb 2 23:05:50 GMT 2013 CHIP End Bias  
Sat Feb 2 23:05:58 GMT 2013 CHIP ReStart Patrol  
Sat Feb 02 23:58:56 GMT 2013 COMP End Patrol  
Sat Feb 02 23:58:59 GMT 2013 COMP Start Patrol

NOTE BY LISA: Sun Feb 3 00:10:39 GMT 2013

noticed a sound as if something feel from upstairs. check the spar and floor careful but didn't find anything.

\_\_\_\_end\_\_\_\_

Sun Feb 3 01:06:20 GMT 2013: PSPT Abort Patrol  
Sun Feb 3 01:09:39 GMT 2013 CHIP End Patrol  
Sun Feb 3 01:09:33 GMT 2013 MKIV End Patrol  
Sun Feb 03 01:10:32 GMT 2013 COMP End Patrol  
Sun Feb 3 01:33:52 GMT 2013

MkIV

00\_01.rawmk4 18\_24.rawmk4 20\_01.rawmk4 21\_31.rawmk4 22\_53.rawmk4  
00\_04.rawmk4 18\_27.rawmk4 20\_04.rawmk4 21\_34.rawmk4 22\_56.rawmk4  
00\_07.rawmk4 18\_30.rawmk4 20\_09.rawmk4 21\_37.rawmk4 22\_59.rawmk4

00_10.rawmk4	18_33.rawmk4	20_13.rawmk4	21_39.rawmk4	23_02.rawmk4
00_12.rawmk4	18_36.rawmk4	20_16.rawmk4	21_42.rawmk4	23_05.rawmk4
00_15.rawmk4	18_39.rawmk4	20_19.rawmk4	21_45.rawmk4	23_08.rawmk4
00_18.rawmk4	18_41.rawmk4	20_22.rawmk4	21_48.rawmk4	23_11.rawmk4
00_21.rawmk4	18_44.rawmk4	20_28.rawmk4	21_51.rawmk4	23_14.rawmk4
00_24.rawmk4	18_47.rawmk4	20_32.rawmk4	21_54.rawmk4	23_17.rawmk4
00_27.rawmk4	18_50.rawmk4	20_35.rawmk4	21_57.rawmk4	23_20.rawmk4
00_30.rawmk4	18_53.rawmk4	20_38.rawmk4	22_00.rawmk4	23_23.rawmk4
00_33.rawmk4	18_56.rawmk4	20_41.rawmk4	22_03.rawmk4	23_25.rawmk4
00_36.rawmk4	19_03.rawmk4	20_44.rawmk4	22_06.rawmk4	23_28.rawmk4
00_39.rawmk4	19_09.rawmk4	20_46.rawmk4	22_09.rawmk4	23_31.rawmk4
00_42.rawmk4	19_15.rawmk4	20_49.rawmk4	22_12.rawmk4	23_34.rawmk4
00_45.rawmk4	19_19.rawmk4	20_52.rawmk4	22_15.rawmk4	23_37.rawmk4
00_48.rawmk4	19_22.rawmk4	20_55.rawmk4	22_18.rawmk4	23_40.rawmk4
00_51.rawmk4	19_27.rawmk4	20_58.rawmk4	22_21.rawmk4	23_43.rawmk4
00_54.rawmk4	19_31.rawmk4	21_01.rawmk4	22_24.rawmk4	23_46.rawmk4
00_57.rawmk4	19_34.rawmk4	21_04.rawmk4	22_27.rawmk4	23_49.rawmk4
01_00.rawmk4	19_37.rawmk4	21_07.rawmk4	22_29.rawmk4	23_52.rawmk4
01_03.rawmk4	19_40.rawmk4	21_10.rawmk4	22_32.rawmk4	23_55.rawmk4
01_06.rawmk4	19_43.rawmk4	21_13.rawmk4	22_35.rawmk4	23_58.rawmk4
18_08.rawmk4	19_46.rawmk4	21_16.rawmk4	22_38.rawmk4	c19_00.rawmk4
18_12.rawmk4	19_49.rawmk4	21_19.rawmk4	22_41.rawmk4	c19_06.rawmk4
18_15.rawmk4	19_52.rawmk4	21_22.rawmk4	22_44.rawmk4	c19_12.rawmk4
18_18.rawmk4	19_55.rawmk4	21_25.rawmk4	22_47.rawmk4	
18_21.rawmk4	19_58.rawmk4	21_28.rawmk4	22_50.rawmk4	